XMLC010B2S11

pressure switch XMLC 10 bar - adjustable scale 2 thresholds - 2 C/O





Main

Range of product Product or component type Electromechanical pressure sensor type Electromechanical pressure sensor Device short name XMLC Pressure sensor size 145.04 psi (10 bar) Controlled fluid Air 32320 °F (0160 °C)) Fresh water 32320 °F (0160 °C)) Hydraulic oil (0160 °C) Fluid connection type G 1/4 (female) conforming to ISO 228 Electrical connection AWG gauge AWG 20AWG 14 Cable entry Cable gland 0.350.51 in (913 mm) Contacts type and composition Pressure switch type of operation Electrical circuit type Control circuit Scale type Adjustable differential Adjustable range of switching point on rising pressure Adjustable range of switching point on falling pressure Possible differential maximum at high setting Maximum permissible accidental pressure Pressure actuator Diaphragm Materials in contact with fluid Enclosure material Line Rated Current Electromechanical pressure sensor Electromechanical pressure sensor Electromechanical pressure sensor AMLC Pressure sensor type Electromechanical pressure sensor Electrical (10 bar) Awg 2014 (female) conforming to EN/ IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 1.15 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 1.5 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1 1.5 A, R300, DC-13 (Ue = 250 V) conforming to EN/ IEC 60947-5-1		
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Materials in contact with fluid Brass FPM, FKM Enclosure material Zinc alloy Line Rated Current 3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1	Destruction pressure	652.67 psi (45 bar)
FPM, FKM	Pressure actuator	Diaphragm
Line Rated Current 3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/		
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	Line Rated Current	IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to EN/ IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/

Complementary

Possible differential minimum at low setting	6.53 psi (0.45 bar) +/- 0.05 bar)
Possible differential minimum at high setting	10.15 psi (0.7 bar) +/- 0.01 bar)
Maximum permissible pressure - per cycle	181.30 psi (12.5 bar)
Terminal block type	8 terminals
Maximum operating rate	120 cyc/mn
Repeat accuracy	2 %

[Ui] rated insulation voltage	300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Auxiliary contacts operation	Simultaneous, snap action
Contacts material	Silver contacts
Maximum resistance across terminals	25 MOhm conforming to IEC 255-7 category 3 25 mOhm conforming to NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse, type gG (gl)
Mechanical durability	5000000 cycles
Setting	External
Height	4.45 in (113 mm)
Depth	3.35 in (85 mm)
Width	1.81 in (46 mm)
Net weight	1.51 lb(US) (0.685 kg)

Environment

Standards	CSA C22.2 No 14 EN/IEC 60947-5-1 CE UL 508
Product certifications	UL EAC CSA
Protective treatment	TC standard version
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Operating position	Any position
Vibration resistance	4 gn conforming to IEC 60068-2-6 (f = 30500 Hz)
Shock resistance	50 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class I conforming to IEC 1140 Class I conforming to IEC 536 Class I conforming to NF C 20-030
IP degree of protection	IP66 EN/IEC 60529

Ordering and shipping details

Category	22661 - XMLA,B,C,D PRESSURE SWITCHES
Discount Schedule	DS2
GTIN	03389110715347
Nbr. of units in pkg.	1
Package weight(Lbs)	1.92 lb(US) (0.87 kg)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	5.59 in (14.2 cm)	
Package 1 width	4.25 in (10.8 cm)	
Package 1 Length	2.28 in (5.8 cm)	
Unit Type of Package 2	S01	
Number of Units in Package 2	4	
Package 2 Weight	8.15 lb(US) (3.697 kg)	
Package 2 Height	5.91 in (15 cm)	
Package 2 width	5.91 in (15 cm)	
Package 2 Length	15.75 in (40 cm)	

Offer Sustainability

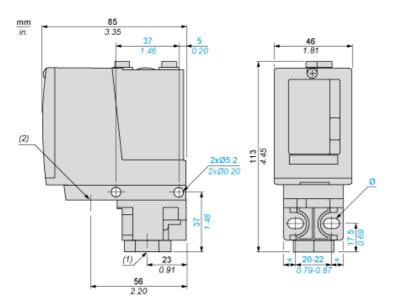
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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Product data sheet **Dimensions Drawings**

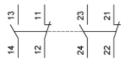
Dimensions



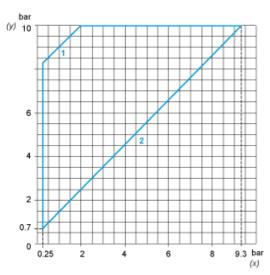
- (1) 1 fluid entry, tapped G1/4 (BSP female)
 (2) 1 electrical connections entry, tapped Pg 13.5
 Ø: 2 elongated holes Ø 5.2 x 6.7

Wiring Diagram

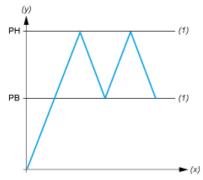
Terminal Model



Operating Curves



(y) (x) Rising pressure Falling pressure Maximum differential 2: Minimum differential



- Pressure
- (x) Time
 (1) Adjustable value
 PH: High point
- PB: Below point